

## MP2633/5/6/7系列高效率开关型单电感移动电源方案

### MP2636功能说明



QFN24 (4×4mm)

- 4.5V-to-6V Operation Voltage Range
- Up to 16V Sustainable Input Voltage
- USB-compliant Charger
- Integrated Both Input-Current-Based and Input-Voltage-Based Power Management Function
- Up to 3.0A Programmable Charge Current
- Trickle-Charge Function
- Analog Voltage Output IB pin for Battery Current Monitor
- Selectable 4.2V / 4.3V / 4.35V Charge Voltage with 0.5% Accuracy
- Negative Temperature Coefficient Pin for Temperature Monitoring
- Programmable Timer Back-up Protection
- Thermal Regulation and Thermal Shutdown
- Internal Battery Reverse Leakage Blocking
- Integrated Over Current Protection and Over Voltage Protection for Pass-through Path
- Reverse Boost Operation Mode for System Power
- Up to 3.0A Programmable Output Current Limit for Boost Mode
- Integrated Short Circuit Protection for Boost Mode

型号	充电电流	放电电流	电池电压
MP2633	1.5A	1.5A	3.6V/4.2V
MP2633A	1.5A	1A	3.6V/4.2V
MP2635	2A	1.5A	3.6V/4.2V
MP2635B	2A	1.5A	4.35V/4.2V
MP2635A	2A	1A	3.6V/4.2V
<b>MP2636</b>	<b>2.5A</b>	<b>2.5A</b>	<b>4.2V / 4.3V / 4.35V</b>
MP2637	2.5A	2.1A	4.2V / 4.35V

